

In the Claims:

1. (Currently Amended) A bone plate, comprising:
 - a) a head portion;
 - b) an elongated lower portion extending from the head portion, wherein the bone plate comprising the head portion and the elongated lower portion comprises a bone-contacting bottom side and a top side;
 - c) a first complex aperture located in the elongated lower portion, the first complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of the first complex aperture extend along a first longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a first oval shaped opening ~~shape~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the first longitudinal axis bisects the first oval shaped opening along a greatest length thereof;
 - d) a second complex aperture located in the head portion, the second complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of the second complex aperture extend along a

second longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a second oval shaped opening at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the second longitudinal axis bisects the second oval shaped opening along a greatest length thereof; and

- e) wherein the first and second longitudinal axes of the respective first and second complex apertures are angled with respect to each other.

2. (Withdrawn and Previously Presented) The bone plate of claim 1 wherein at least one of the first and second complex apertures includes a bevel at an end of the aperture spaced from the hourglass shape of the lower threaded portion thereof.

3. (Previously Presented) The bone plate of claim 1 adapted to receive at least one locking bone peg having a threaded head which locks with the threads of a corresponding overlapping hole of one of the complex apertures, thereby better ensuring rigid fixing of a fracture when using additional pegs having a body without threads.

4. (Cancelled)

5. (Previously Presented) The bone plate of claim 1 wherein at least one of the first and second complex apertures has a countersink.

6. (Previously Presented) The bone plate of claim 18 wherein the predetermined angle is approximately 25 degrees.

7. (Currently Amended) A bone plate suitable for use in osteotomy, the bone plate comprising:

- a) a head portion;
- b) an elongated lower portion extending from the head portion, wherein the bone plate comprising the head portion and the elongated lower portion comprises a bone-contacting bottom side and a top side;
- c) a first complex aperture located in the elongated lower portion, the first complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of the first complex aperture extend along a first longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a first oval shaped opening ~~shape~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the first longitudinal

- axis bisects the first oval shaped opening along a greatest length thereof;
- d) a second complex aperture located in the head portion, the second complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of the second complex aperture extend along a second longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a second oval shaped opening at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the second longitudinal axis bisects the second oval shaped opening along a greatest length thereof;
- e) wherein the first and second longitudinal axes of the respective first and second complex apertures are angled with respect to each other; and
- f) a third aperture located in the head portion with the first longitudinal axis of the first complex aperture and the second longitudinal axis of the second complex aperture intersecting at a center point of the third aperture.

8. (Withdrawn and Currently Amended) The bone plate of claim 7 wherein the first and second complex apertures include at least one bevel at an end of their respective oval shaped openings, the bevel leading into the hourglass shape of the lower threaded portion thereof.

9. (Previously Presented) The bone plate of claim 7 adapted to receive at least one locking bone peg having an unthreaded body and threaded head which locks with threads of a corresponding threaded aperture of the bone plate, thereby better ensuring rigid fixing of a fracture.

10. (Cancelled)

11. (Previously Presented) The bone plate of claim 7 wherein a distance between the overlapping holes of the first and second complex apertures is defined to optimize either closing or opening of wedge femoral osteotomies.

12. (Previously Presented) The bone plate of claim 11 wherein the distance is approximately 15 mm.

13. (Previously Presented) The bone plate of claim 12 wherein a distal end of the bone plate forms a natural curve corresponding to the shape of a distal femur in order to minimize the potential of plate overhang.

14. (Currently Amended) An orthopedic kit, including:
- a) a bone plate suitable for use in osteotomy, the bone plate comprising:
 - i) a head portion;
 - ii) an elongated lower portion extending from the head portion, wherein the bone plate comprising the head portion and the elongated lower portion comprises a bone-contacting bottom side and a top side;
 - iii) a first complex aperture located in the elongated lower portion, the first complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of the first complex aperture extend along a first longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a first oval shaped opening ~~shape~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the first longitudinal axis bisects the first oval shaped opening along a greatest length thereof;
 - iv) a second complex aperture located in the head portion, the second complex aperture comprised of

two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of the second complex aperture extend along a second longitudinal axis and comprise a compression ramp extending from [[an]] a second oval shaped opening at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the second longitudinal axis bisects the second oval shaped opening along a greatest length thereof; and

- v) wherein the first and second longitudinal axes of the respective first and second complex apertures are angled with respect to each other; and
- b) at least one bone screw engageable with the bone plate.

15. (Previously Presented) The kit of claim 14 further comprising a drill guide having a main drill guide surface and opposite end portions, one end portion of which is securely engageable with the threaded surface of a hole in the bone plate so as to securely hold the drill guide in a desired orientation with respect to the bone plate for stabilizing a drill used in an orthopedic procedure.

16. (Previously Presented) The kit of claim 14 wherein the second longitudinal axis of the second complex aperture is aligned at approximately 60 degrees with the first longitudinal axis of the first complex aperture.

17. (Previously Presented) The bone plate of claim 1 wherein when applied to a bone, at least one complex aperture is positionable on opposite sides of an osteotomy site.

18. (Previously Presented) The bone plate of claim 5 wherein the countersink is axially offset from an orientation perpendicular to the top surface by a predetermined angle.

19. (Previously Presented) The bone plate of claim 1 wherein the second longitudinal axis of the second complex aperture is angled about 60 degrees with respect to the first longitudinal axis of the first complex aperture.

20. (Currently Amended) The bone plate of claim 1 wherein a third complex aperture is located in the head portion, the third complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, and wherein the two overlapping holes of the third complex aperture extend along a third longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a third oval shaped opening ~~shape~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in

either one or the other of the overlapping holes, wherein the third longitudinal axis bisects the third oval shaped opening along a greatest length thereof, and wherein the third longitudinal axis is axially aligned with the first longitudinal axis of the first complex aperture.

21. (Previously Presented) The bone plate of claim 7 wherein the second longitudinal axis of the second complex aperture is angled about 60 degrees with respect to the first longitudinal axis of the first complex aperture.

22. (Currently Amended) The bone plate of claim 7 wherein a third complex aperture is located in the head portion, the third complex aperture comprised of two overlapping holes having an offset of a given distance between centers thereof, and wherein the two overlapping holes of the third complex aperture extend along a third longitudinal axis and comprise a compression ramp extending from ~~[[an]]~~ a third oval shaped opening ~~shape~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the third longitudinal axis bisects the third oval shaped opening along a greatest length thereof, and wherein the third longitudinal axis is axially aligned with the first longitudinal axis of the first complex aperture.

23. (Currently Amended) A bone plate, which comprises:
- a) a head portion;
 - b) an elongated lower portion extending from the head portion along a longitudinal axis, wherein the bone plate comprising the head portion and the elongated lower portion comprises a bone-contacting bottom side and a top side;
 - c) a first complex aperture extending along the head portion and a second complex aperture extending along the elongated lower portion, each of the first and second complex apertures comprised of two overlapping holes having an offset of a given distance between centers thereof, wherein the two overlapping holes of both the first and second complex apertures extend along respective first and second longitudinal axes and comprise a compression ramp extending from [[an]] respective oval shaped openings ~~opening~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the first and second longitudinal axes bisect the first and second oval shaped openings along a greatest length thereof;
 - d) a third complex aperture located in the head portion, the third complex aperture comprised of two overlapping holes having an offset of a given distance between

centers thereof, wherein the two overlapping holes of the third complex aperture comprise a compression ramp extending from ~~[[an]]~~ a third oval shaped opening ~~shape~~ at the top side of the plate downwardly and inwardly part way through the plate thickness to a threaded lower portion having an hourglass shape extending from where the upper portion ends at the hourglass shape to the bottom side of the bone plate with threaded surfaces of the overlapping holes meeting each other at an overlap forming the hourglass shape, the lower portion being adapted to lock with threads of a corresponding bone screw in either one or the other of the overlapping holes, wherein the third longitudinal axis bisects the third oval shaped opening along a greatest length thereof; and

- e) wherein ~~[[a]]~~ the first longitudinal axis of the first complex aperture is axially aligned with ~~[[a]]~~ the second longitudinal axis of the second complex aperture and wherein ~~[[a]]~~ the third longitudinal axis of the third complex aperture is angled with respect to the axially aligned first and second longitudinal axes of the respective first and second complex apertures.

24. (Currently Amended) The bone plate of claim 23 wherein the third longitudinal axis of the third complex aperture is angled about 60 degrees from the axially aligned first and second longitudinal axes ~~axes~~ of the first and second complex apertures.

25. (Currently Amended) The bone plate of claim 23 wherein a fourth aperture is located in the head portion with the axially aligned longitudinal axes of the first and second complex apertures and the third longitudinal axis of the third complex aperture intersecting at a centerpoint of the fourth aperture.

26. (Previously Presented) The bone plate of claim 25 wherein the fourth aperture has a rounded shape.

27. (Previously Presented) The bone plate of claim 25 wherein the fourth aperture is an elongated slot.